| Index | of | Cla | ims |
|-------|----|-----|-----|
|-------|----|-----|-----|



Application/Control No.

10/646,533

Examiner

Jack Chen

Date

Applicant(s)/Patent under Reexamination

COLLINS ET AL.

Art Unit

2813

| 1 | Rejected |
|---|----------|
| _ | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

Claim

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| | | L | L | - | | | l | | | |
|----------|--|---------------|----------|----------------|--------------|--------------|--------------|------------|--------------|----------|
| | | Dete | | | | | | | | \neg |
| Cla | ıım | | Date | | | | | | | ႕ |
| _ | Original | 92 | | | | | | | | |
| Final | gi | 11/14/05 | | | | | | | | |
| 匝 | Ö | 1 | | | | | | | | |
| ļ | | 1 | _ | | <u> </u> | - | | _ | _ | |
| ļ | 1 2 3 4 5 6 7 | 3 | _ | | _ | L | | _ | _ | Щ |
| ļ | 2 | 1 2. 4 | <u> </u> | ┡ | _ | | _ | ļ | _ | _ |
| | 3 | 1 | <u> </u> | L | | _ | _ | \vdash | _ | |
| <u> </u> | 4 | - | <u> </u> | _ | | _ | <u> </u> | _ | | Н |
| | 5 | ~ | L | _ | <u> </u> | _ | <u> </u> | <u> </u> | | Н |
| | 6 | : | L | L | | _ | _ | _ | | Н |
| ļ | | N | _ | H | \vdash | <u> </u> | ⊢ | \vdash | | Н |
| | 8 | 1 | | <u> </u> | | | _ | L | _ | Ш |
| | 9 | H | | | L | | <u> </u> | | _ | Ш |
| | 10 | Н | | L | | _ | <u> </u> | <u> </u> | | Щ |
| | 11 | H | | <u> </u> | | | L | _ | _ | |
| | 12 | Н | | <u> </u> | | | \vdash | - | _ | Щ |
| | 8 9 10 11 12 13 14 15 16 17 18 19 20 21 | \sqcup | <u> </u> | | <u> </u> | | <u> </u> | \vdash | <u> </u> | Ш |
| | 14 | \sqcup | <u> </u> | — | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | Ш |
| <u> </u> | 15 | \vdash | <u> </u> | <u> </u> | <u> </u> | H | _ | <u> </u> | <u> </u> | Ш |
| ļ | 16 | \sqcup | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | | Н |
| <u></u> | 17 | Н | _ | <u> </u> | <u> </u> | <u> </u> | _ | | | Щ |
| <u> </u> | 18 | Н | <u> </u> | L | <u> </u> | _ | _ | L | | Ш |
| ļ | 19 | Н | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u></u> | | Щ |
| | 20 | Н | _ | _ | <u> </u> | _ | ļ | | | Ш |
| - | 21 | Ц | _ | _ | | _ | <u> </u> | <u> </u> | <u> </u> | Щ |
| | 22 23 24 | Н | <u> </u> | <u> </u> | _ | <u> </u> | ļ | _ | <u> </u> | Н |
| ļ | 23 | Ш | _ | _ | | <u> </u> | ļ | <u> </u> | | Щ |
| <u> </u> | 24 | Н. | ļ | ļ | | _ | <u> </u> | <u> </u> | <u> </u> | Н |
| <u> </u> | 25 26 27 | 4 | | ┡ | _ | | <u> </u> | <u> </u> | | Н |
| └ | 26 | Н | <u> </u> | <u> </u> | | <u> </u> | _ | _ | <u> </u> | Щ |
| | 27 | H | ! | ┡ | <u> </u> | | <u> </u> | | <u> </u> | Н |
| <u> </u> | 28 29 30 | H | <u> </u> | <u> </u> | _ | _ | | _ | _ | \vdash |
| <u> </u> | 29 | 1 | 1 | <u> </u> | - | _ | <u> </u> | | ├— | Н |
| | 30 | 1 | ⊢- | _ | | _ | <u> </u> | | ⊢ | Н |
| | 31 | 17 | <u> </u> | ┡ | - | _ | _ | | <u> </u> | Н |
| | 32 | • | - | <u> </u> | | _ | <u> </u> | _ | _ | Н |
| <u> </u> | 33 | : »-N | - | ⊢- | ├ | <u> </u> | <u> </u> | <u> </u> | ├ | Н |
| <u> </u> | 34 35 | 4 | - | | ⊢ | ├ | | ├ | \vdash | Н |
| ļ | 35 | | \vdash | <u> </u> | ├ | ├— | <u> </u> | \vdash | <u> </u> | Ы |
| <u> </u> | 36 37 | Н | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | ⊢ | \vdash | Н |
| <u> </u> | 3/ | H | 1 | <u> </u> | ├ | ├— | <u> </u> | ⊢ | | Н |
| | 38 39 | ╙ | ┞ | <u> </u> | <u> </u> | ⊢ | <u> </u> | \vdash | <u> </u> | Н |
| <u> </u> | | 1 | <u> </u> | ├ — | <u> </u> | \vdash | \vdash | \vdash | <u> </u> | Н |
| - | 40 | 4 | — | ⊢ | ⊢– | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ы |
| <u></u> | 41 | Н_ | <u> </u> | ⊢ | ⊢ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Щ |
| | 42 | H – | ! | ├— | | \vdash | \vdash | \vdash | | Н |
| <u> </u> | 43 | #— | <u> </u> | | ├- | | <u> </u> | \vdash | <u> </u> | Н |
| <u></u> | 44 | | <u> </u> | ⊢ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| <u> </u> | 45 | 4 | <u> </u> | | ├ | | <u> </u> | <u> </u> | <u> </u> | Ы |
| | 46 | Ц. | _ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> _ | <u> </u> | Щ |
| <u></u> | 47 | 1 | _ | _ | <u> </u> | \vdash | <u> </u> | \vdash | <u> </u> | Ш |
| <u> </u> | 48 | ₽ | <u> </u> | ⊢_ | Ь_ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ы |
| <u></u> | 49 | ĮĮ. | <u> </u> | — | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| 1 | 50 | M | 1 | l | ı | ı | ı | ı | 1 | 1 1 |

| | Final | S 5 Original | | | | | | | | | |
|---|-----------|----------------|---------------|--------------------|----------------|----------|--|-----------------|----------|--------------|----------|
| ļ | | - | كما | $oxed{\square}$ | \vdash | \vdash | <u> </u> | Щ | Щ | Щ | <u></u> |
| ļ | | 51 52 | Ž. | | | | \vdash | $\vdash \vdash$ | Щ | H | <u> </u> |
| ļ | | | 1 | Ш | | | | Ш | Щ | | L |
|] | | 53 54 55 | Ш | \vdash | \vdash | igwdap | \vdash | Ш | Щ | \vdash | <u></u> |
| | igsquare | 54 | Ш | \vdash | Щ | Ш | \vdash | Ш | Щ | lacksquare | |
| | | 55 | Ш | | \sqcup | | <u> </u> | Ш | Щ | <u> </u> | |
| | | 56 57 58 | Ш | ļ | ļ | | Щ | Щ | Щ | Щ. | L |
| ļ | igsquare | 57 | Щ | Щ | Ш | \sqcup | Щ | Ш | Ш | Ш | |
| ļ | | 58 | Ш | <u> </u> | \vdash | \vdash | \vdash | _ | L_ | <u> </u> | |
| | <u></u> l | 59 | Ц | Ш | \vdash | \vdash | \vdash | | Ш | <u> </u> | |
| ļ | Ll | 60 | Ш | $oxed{oxed}$ | \vdash | oxdot | \vdash | Ш | Ш | L. | L |
| | | 61 | Ц | lacksquare | \vdash | \vdash | \vdash | Ш | Ш | | |
| ļ | Ĺİ | 62 | Ш | لـــا | \vdash | \vdash | \vdash | Ш | <u>,</u> | _ | |
| ١ | | 63 | \sqcup | \sqsubseteq | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | Ш | | <u> </u> |
| į | | 64 65 | Ц | $oxed{oxed}$ | igspace | igsqcut | igspace | \bigsqcup | <u> </u> | \bigsqcup | _ |
| 1 | لــــا | 65 | Ц | $oxedsymbol{oxed}$ | igsqcut | igsqcup | <u> </u> | لـــا | Ш | oxdot | |
| ļ | | 66 | \coprod | oxdot | oxdot | oxdot | oxdot | لًـــا | لَـــا | آط | _ |
| ļ | ليا | 67 | \coprod | oxdot | igsqcup | آـــا | $ldsymbol{f eta}$ | لَـــا | لَـــا | تــا | oxdot |
| | | 68 | Цĺ | igsqcup 1 | igsqcut | oxdot | oxdot | لَـــا | تَــا | لَــا | oxdot |
| | | 69 | \mathcal{L} | Ĺ | oxdot | \Box | \Box | لَـــا | \Box | $oxed{\Box}$ | oxdot |
| | | 70 | L | oxdot | oxdot | oxdot | $ldsymbol{oxedsymbol{oxedsymbol{eta}}}$ | \Box | آب | آب | Ĺ |
| | | 71 | \prod | L^{T} | آط | oxdot | Ĺ | \Box | آبا | \Box | Ĺ |
| ļ | | 72 73 | Γ | Ľ | L | \Box | | | | L | Ĺ |
| | | 73 | | Ĺ | | Ĺ | Ĺ | | | | Ĺ |
| | | 74 | \prod | L | Ľ | L | \Box | ╚ | | | Ĺ |
| | | 75 | \prod | Ľ | Ľ | L | Ĺ | ╚ | | | Ĺ |
| | | 76 | \prod | L | Ĺ | Ĺ | Ĺ | | | \Box | Ĺ |
| | | 77 | \prod | Ľ | Ľ | L^{-} | Ĺ | | | | Ĺ |
| | | 78 79 | Д | \Box | oxdot | \Box | $ldsymbol{oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}}$ | ロ | | | Ĺ |
|) | | 79 | ௶ | oxdot | oxdot | oxdot | Ĺ | \Box | آليا | آط | Ĺ |
| | | 80 | J | Ĺ | Ĺ | Ĺ | Ĺ | \Box | | Ľ | Ĺ |
| j | | 81 | ĮŢ, | Ĺ | | | Ĺ | | | | Ĺ |
| j | | 82 | IJ | L | Ĺ | Ĺ | \Box | \Box | | | Ĺ |
| J | | 83 | J | Ĺ | Ĺ | L | L | | | | Ĺ |
| ļ | | 84 | \prod | Ľ | Ľ | Ľ | Ĺ | ╚ | | \Box | \Box |
|) | | 85 | J | Ľ | \Box | Ĺ | L^{-} | \Box | | Ĺ | Ĺ |
| | | 86 87 | IJ | Ľ | Ľ | Ľ | \Box | | | L | L |
| J | | 87 | J | \Box | \Box | Ľ | L^{-} | \Box | | Ľ | \Box |
| | | 88 | 1 | | Ľ | Ľ | | | | | L |
| ļ | | 89 | N | \Box | Ľ | L^- | \Box | | | L | |
| | | 90 | | \Box | | | | | | | |
| | | 91 | | | | | | | | | |
| | | 92 | | | | | | | | | |
| | | 93 | | | | | | | | | |
| | | 94 | | | | | | | | | |
| | | 95 | | | | | | | | | |
| j | | 96 | | | | | | | | | |
| j | | 97 | | | | L^- | Ľ | | | | |
| ļ | | 98 | | | | | | | | | |
| j | | 99 | | | | | | | | | |
| | | 100 | 厂 | | \Box | | [| Π | | | |

| CI | aim | Date | | | | | | | | |
|-------------|---|--|--|-------------------------------------|----------|----------|--|--------------|--|-----------------|
| Ci | - | _ | | | Jak | | | | \dashv | |
| Final | Original | | | | | | | | | |
| | 101 | | | | | Г | | | | |
| | 101 102 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | Ш |
| | 106 | L | L | | | L | L | | | |
| | 103 104 105 106 107 108 109 | _ | | | | L | | | | Ш |
| | 108 | L | _ | | | | <u> </u> | | <u></u> | Ш |
| | 109 | <u> </u> | _ | | | | | | _ | Щ |
| | 110 | | L. | | | _ | <u> </u> | | _ | |
| | 111 | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 112 | <u> </u> | <u> </u> | H | ļ.,_ | <u> </u> | ├- | <u> </u> | <u> </u> | Н |
| | 110 111 112 113 114 115 | <u> </u> | <u> </u> | ├ | | \vdash | \vdash | \vdash | \vdash | Н |
| | 114 | ┝ | ┝ | | _ | | | H | | Н |
| | 110 | ├ | | \vdash | <u> </u> | \vdash | \vdash | <u> </u> | - | \vdash |
| | 110 | - | - | \vdash | _ | _ | | \vdash | \vdash | Н |
| _ | 118 | ┢ | ┢ | - | | | | - | | |
| | 110 | - | - | \vdash | ⊢ | | | - | ├─ | Н |
| | 116 117 118 119 120 121 | | _ | \vdash | ⊢ | - | | \vdash | \vdash | Н |
| | 121 | | _ | | H | - | | - | \vdash | H |
| | 122 | | | H | \vdash | ┢ | | H | \vdash | |
| | 123 | _ | _ | - | | | _ | | ┢─ | |
| | 124 | | \vdash | | - | | | ┢ | - | Н |
| | 125 | | | \vdash | \vdash | | _ | Т | \vdash | \vdash |
| | 126 | | - | | | · · · · | | | | |
| | 127 | | | | | | | | | |
| | 122 123 124 125 126 127 128 129 130 131 132 | | | | | | | | | П |
| | 129 | | | | | | | | | |
| | 130 | | | | | | | | | |
| | 131 | | | | | L | | L | L | |
| | 132 | | <u>_</u> | _ | | | | Ш | L_ | Щ |
| | 133 134 | L | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | <u> </u> | L | <u> </u> | Ш |
| | 134 | | _ | L | _ | _ | | L | <u> </u> | Ш |
| | 135 136 | <u> </u> | <u> </u> | _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | |
| | 135 | <u> </u> | <u> </u> | - | L. | <u> </u> | | <u> </u> | ├— | Н |
| | 137 | ├ | - | \vdash | ⊢ | ⊢ | - | ├ | - | \vdash |
| L | 138 139 | ├ | \vdash | \vdash | ⊢ | ⊢ | | ├ | | $\vdash \vdash$ |
| | 140 | <u> </u> | ├ | \vdash | | \vdash | \vdash | \vdash | \vdash | $\vdash\vdash$ |
| | 141 | ├ | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | $\vdash\dashv$ |
| | 142 | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | | $\vdash \vdash$ |
| | 143 | | \vdash | \vdash | ┢ | - | | | \vdash | H |
| | 144 | | | Н | Н | Н | \vdash | Н | \vdash | H |
| | 145 | \vdash | \vdash | Т | | \vdash | \vdash | \vdash | | \dashv |
| | 146 | | | | | | | \vdash | \vdash | H |
| | 147 | Г | Н | Г | | T | T | Т | Т | Н |
| | 148 | | \vdash | Г | Т | | Г | Г | Г | Н |
| | 149 | | | | _ | | | | | П |
| | 150 | | Г | Г | Т | Г | | Г | \vdash | П |
| | | | | _ | _ | | _ | _ | | |